

7/26/02

ACCESSION NUMBER: 133:88306 CA
TITLE: .alpha.-1,4-Glucan chain-containing polysaccharides
and their manufacture
INVENTOR(S): Weissmueller, Max; Quanz, Martin; Provart, Nicholas
PATENT ASSIGNEE(S): Aventis Research und Technologies G.m.b.H. und Co.
K.-G., Germany
SOURCE: Ger. Offen., 10 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19860376	A1	20000706	DE 1998-19860376	19981228
WO 2000039321	A1	20000706	WO 1999-EP9299	19991130
W: AU, CA, CN, CZ, HR, HU, JP, KR, NO, PL, RU, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1141370	A1	20011010	EP 1999-962188	19991130
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: DE 1998-19860376 A 19981228
WO 1999-EP9299 W 19991130

AB Polysaccharides with reduced polydispersity, useful as drug tablet fillers, are manufd. by subjecting a glucosyl group acceptor, e.g., glycogen or **dextrin** to chain extension reaction with sucrose in the presence of an **amylosucrase**. The mol. ratio of the chain end groups available for the chain extension reaction to sucrose is at least 1:1000 and the wt. ratio of those groups to sucrose is at least 1:50. The process is useful for regulating the mol. wt. in the manuf. of polysaccharides.